

OUTLOOK

A WEEKLY NEWSPAPER FOR FACULTY AND STAFF AT THE UNIVERSITY OF MARYLAND AT COLLEGE PARK

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Astronomy Department Plans for Wednesday's Total Lunar Eclipse

If weather permits, the Department of Astronomy will host a viewing of the Wednesday, December 9 total eclipse of the moon. The department will set up telescopes and binoculars in front of Memorial Chapel, and will provide expert discussion and commentary about the eclipse as it happens.

Partial eclipse begins at 4:59 p.m. and total eclipse begins at 6:07 p.m. Campus astronomers recommend the best time for observation will be between 6 p.m. and 7:30 p.m.

Total lunar eclipse takes place when the sun, Earth and moon are in a straight line and the shadow of the Earth falls on the moon.

For more information, call 405-3001.



Gift of Long-Play Records Triples Libraries' Collection

The Music Library has received a gift of 33,000 long-playing records in mint condition from the estate of Michael Naida, former president of Westminster Records and a founder

of the Musical Heritage Society. The gift is one of the largest record collections in the United States, according to Neil Ratliff, head of the Music Library, and triples the library's long-playing record collection.

Most of the records in the collection are classical, although there are folk and other items as well. The collection includes complete runs of

records of various companies from the 1950s and 1960s including some made by a New Zealand teenager, lead soprano Kari Te-Kanawa who performs frequently at Covent Garden in London and at the Metropolitan Opera in New York City.

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Senate to Meet December 10

The next regular meeting of the Campus Senate is scheduled for Thursday, December 10 from 3:30 p.m. to 6:30 p.m. in Room 0126 of the Reckord Armory.

Special orders of the day include a report from the University of Maryland System Staff Advisory Council

by its chair, Cynthia Hale, and a report from the UM System Faculty Advisory Council by James Alexander, a College Park representative on the council.

Scheduled for Senate action is a proposal to establish majors in Japanese and Chinese.

Senate to Study Parking Issues

The Campus Senate is continuing to study issues concerning parking on campus, including the structure of a parking fee. We are committed to adopting a fee structure that is fair and equitable for all members of the campus community. The Senate welcomes suggestions from the community for proposals regarding the fee structure.

—Robert W. Lissitz, Chair of the Senate

James C. Alexander, Chair of the Campus Affairs Committee



1,200 Latin Students to Fill Tawes Theatre

Tawes Theatre will be filled to capacity on December 8 as more than 1,200 middle and high school students from 35 schools participate in Latin Day 1992. The theme for this year's program is, not surprisingly, "Elections and Politics in Ancient Rome." Latin Day was first produced in 1977; during election years the theme focuses on both ancient Roman and modern U.S. elections.

Students participating in Latin Day cast their ballots in late October. And, whether by U.S. voting methods or the traditional Roman style, the winners were Bill Clinton and Al Gore.

The traditional Roman style of representative government was based on the belief that a man's vote and power should be proportionate to his wealth and status. Accordingly, in the Latin Day Roman-style election, the votes of the wealthiest individuals, or "cavalry," count the most, while the votes of the poorer people, divided into 5 classes within the "infantry," count less.

Schools have been assigned cavalry or infantry status based on their size, with the largest schools belonging to the lowest infantry class and smallest schools belonging to the cavalry. Latin Day coordinator Judith Hallett explains, "In this way we are remind-

ed that the higher property classes in ancient Rome were smaller, and wielded much much more ballot power than the lower classes."

According to Hallett, there were 519 votes cast for Clinton/Gore (Bucco/Cruor), 441 for Bush/Quayle (Fru-tex/ Cothurnix), and 177 for Perot/Stockdale. In ancient Roman times, these votes would have been tabulated as 1142 for Clinton/Gore, 796 for Bush/Quayle, and 285 for Perot/Stockdale.

When Latin Day founder Robert Boughner was planning the first program in 1977, he sought advice from area secondary school teachers. They suggested that "cultural topics provided the best basis for the day's activities," and that while they could teach the language, the university could motivate students to learn it.

Professional actors will help guide students through the Roman political process, most notably Cato the Elder's successful candidacy for the Roman censorship in 184 B.C. The narrator will be an actor portraying the African king Juba II, who lived in Rome during the time of Augustus and wrote many learned books.

Also joining the Latin students will be *Washington Post* columnist Bob Levey, who is sponsoring a neolo-

gism contest, much as he does every month, when he asks readers to coin a suitable term for a common phenomenon. According to Hallett, many of the winning neologisms in Levey's contests derive from classical roots, as does the word neologism itself.

The neologistic challenge facing Latin Day students is to describe the phenomenon of good will and harmonious relations between the spouses and children of an individual's first marriage and the spouses and children of second and even subsequent marriages. (Many Romans—men and women—married more than once and had children by more than one spouse).

Hallett suggests that possibilities for the contest may include binuptial agreement, ex pluribus union and remarital relations.

"We try to offer students and their teachers an enjoyable glimpse of some aspect of ancient Roman culture, and to illustrate the influence of Latin and the ancient Romans on life in the United States today," says Hallett. She likes to borrow a phrase from last year's Latin Day coordinator, Eva Stehle, who said, "We aim to connect past and present, laughter and instruction."

Shadow Day— Getting Insight on Working at College Park

"It helps make up your mind about what you want to do in life."

"The experience was encouraging and exciting."

"The mentors helped me understand about the job I want to do."

"I would recommend it to all students. It's very informative."

"I would recommend it to other students because Maryland is the land of opportunity and the University of Maryland is the college of opportunity."

Those are the some of the observations made by students from Northwestern High School who spent November 10 on the College Park campus as participants in Shadow Day.

The statewide mentoring program for at-risk young people, also known as "Give a Kid a Dream," was coordinated among Maryland state agencies, Maryland's Tomorrow, a statewide dropout prevention program, and One to One Partnerships, a nonprofit organization that promotes mentoring programs nationwide.

Maryland is the first state to carry out this ambitious program that matches students with government

employees to help prepare them for the working world.

Thirty-five members of the College Park faculty and staff volunteered to "give a kid a dream." Employees from such diverse campus units as the College of Engineering, The Dingman Center for Entrepreneurship, Physical Plant, the Afro-American Studies Program, the Art Gallery, College of Journalism, and the university's Office of Legal Counsel were paired with the high school students. Mentors were matched with students based on career interests.

The students spent the day with their mentors attending regular business meetings and classes, discussing the mentors' work and the university and meeting with other members of the faculty and staff.

Mentors' reactions were equally positive: "She (the student) was energetic and eager to participate," "I think it is an excellent idea...and experience for both the students and for staff and faculty," "I enjoyed the opportunity to share information about the university."

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Editor *Outlook*, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 405-4621. Electronic mail address is totwell@umdacc.umd.edu. Fax number is (301) 314-9344.

UNIVERSITY OF MARYLAND AT COLLEGE PARK

Creative Dance Lab Offered

The Department of Dance announces the Spring session of the Creative Dance Lab, a low-cost community dance program for children and teenagers. Creative movement, modern dance, improvisation, and choreography are offered for ages 4 through 18. High school students are given performing opportunities along with university dance majors. Saturday classes begin January 30, 1993. For more information, call 405-7039.

NEWS

THE SUN

THURSDAY, NOVEMBER 5, 1992

The Value of the Research University

By WILLIAM E. KIRWAN

College Park.

In settings ranging from congressional hearings to informal discussions, practices at America's universities are coming under increased scrutiny. Public officials and private citizens are raising questions about faculty teaching loads, reported cases of research fraud and claims of excessive overhead charges on federal research grants. Given the importance of higher education to our nation's welfare, and given the dependence of higher education on public funding, university administrators must not only address the mistakes that have occurred, but also attempt to correct misperceptions that may exist within the general population.

The current flood of negative rhetoric, based on egregious but relatively isolated incidents, threatens a potentially damaging erosion of public support for one of the nation's most valuable but poorly understood resources — its research universities. Ignored in the attacks is the fact that the quality of American universities has made them the envy of the rest of the world. Indeed, higher education is one of the few American enterprises that enjoys a positive balance of trade with every other nation!

One issue of particular concern regarding our universities is the perception that faculty spend too little time teaching and too much time doing research. A useful discussion of "teaching loads" must recognize the differences in missions among higher education institutions.

At one end of the spectrum are teaching institutions — schools devoted almost entirely to undergraduate education. Faculty at such schools typically teach four courses a semester and are evaluated largely on the basis of the quality of their classroom work. These institutions provide an educational environment well suited to the needs of many students, and Maryland is fortunate to have more than a dozen, both within and outside the University of Maryland system.

At the other end of the spectrum, research universities have a much broader mission than teaching universities. In addition to responsibilities for undergraduate instruction, faculty at research universities train the next generation of professors, for both the research and the teaching universities, as well as the vast majority of business and professional leaders in our society.

Moreover, faculty at research universities are engaged in creating much of the new knowledge that enables our nation to remain at the forefront of technological, social and cultural advances.

While it would be foolish to maintain that all faculty research is important, it would be equally foolish to insist that faculty be permitted to do research only when their project has a clear practical payoff. Imagine the consequences for the computer revolution if 40 years ago faculty had been required to demonstrate the utility of such arcane and apparently irrelevant matters as "binary arithmetic."

Or think of the loss to society if no one had supported the research of Professors Crick, Watson and Franklin on the structure of the DNA molecule, research that led to the biotechnology revolution. We will almost certainly be better off in the future, as we have been in the past, by supporting promising and hard-working researchers who seek answers to fundamental questions, even when the ultimate benefits of their research may not be obvious.

Fortunately the state of Maryland does not have to wait years to reap dividends from its investment in research. Last year faculty at College Park won \$122 million in externally funded research grants and contracts, a figure that works out to roughly \$100,000 per faculty member. Virtually every one of these dollars came into the state's economy from outside and will stay here to support research and graduate training.

In 1991 the faculty also generated 69 new patents and licenses, primarily for use by Maryland firms. An "Incubator" program at College Park — which draws upon faculty research expertise — has helped 19 new businesses to enter the state's economy and create new jobs. The outstanding work of College Park's Engineering Research Center, its Dingman Center for Entrepreneurship, and its Maryland Center for Quality and Productivity are additional examples of how faculty at a research university — in addition to teaching students — work for the benefit of the state.

Given their broader set of responsibilities, it is true that faculty at research universities usually teach fewer undergraduate classes than their colleagues at teaching institutions. But this does not necessarily

mean that undergraduate education suffers at a research university. Research universities tend to have better facilities, larger libraries, the most modern equipment, all of which enhance undergraduate education. And as a result of their dual responsibilities, faculty engaged in research bring special expertise and insight to the classroom.

Moreover, in recent years research universities have assigned a higher priority to undergraduate education. Two years ago College Park implemented a new, more structured general-education curriculum. This fall a new Honors Learning Center joins two other dormitories renovated for academic use as living-learning facilities for undergraduates. Honors programs have been revamped and expanded, and undergraduate course accessibility has been a major priority in recent allocations of funds.

These efforts are bearing fruit. Not only does College Park enjoy the highest graduation rate of any public university in Maryland, but in a recent survey of the graduating class of 1991 at the University of Maryland at College Park, more than 92 percent of the 2,621 students responding reported they were either satisfied or very satisfied with the quality of education they received. And 90.4 percent agreed with the statement that the instructors in their major field had prepared carefully for class.

Many improvements still need to be made before we and other research universities can claim to be meeting the needs of all our undergraduates or, for that matter, all the needs in our other areas of responsibility. The work going on at College Park and at other research universities suggests there is a lot more that's right with the system than the critics would have the general public believe.

But more than that, the historic successes of the American research university demonstrate that our nation must nurture and support this special kind of institution if it is to remain a leader in the development of new knowledge, new technologies and the sophisticated work force necessary for the 21st century.

William E. Kirwan is president of the University of Maryland at College Park

National Broadcast to Focus on User Interface Strategies

Four leaders in the field will present their perspectives on why the user interface is a central focus for expanding applications of computers in business, education, the home and elsewhere during a day-long live satellite television broadcast Wednesday, December 9.

The symposium, "User Interface Strategies '93," will be broadcast nationally by the campus' Instructional Television System from 11 a.m. to 5 p.m.

Organized by Ben Shneiderman,

head of the Human-Computer Interaction Laboratory, professor of computer science, and a member of the Institute for Systems Research, the symposium is aimed at user interface designers, programmers, software engineers, computing and communications managers, human factors specialists and others.

Shneiderman will discuss "Information Visualization: Sight for Sore Eyes." Marilyn Mantie, associate professor of computer science and library and information science at the

University of Toronto, will lecture on "Computer Supported Collaborative Work."

Tom Furness, professor of industrial engineering at the University of Washington at Seattle, will speak on "Virtual Worlds: Why? and When?" and James Martin, whose book *The Wired Society* was nominated for a Pulitzer Prize, will discuss "Enterprise Visualization and Object-Oriented Modeling."

CALENDAR

Schlesinger Wins Two Design Awards

Frank Schlesinger, professor, School of Architecture, was recently honored with design awards from the Interfaith Forum on Religion, Art and Architecture and the Washington, D.C. chapter of the American Institute of Architects.

The award from the Interfaith Forum on Religion, Art and Architecture was presented for his design of an addition, consisting of a chapel, refectory, kitchen and living room, to Whitefriars Hall, a Carmelite friary in Washington, D.C. The addition to the 1940 pseudo-Georgian building is organized around a courtyard, and, according to a judge, is "very inventive but very much in context both in materials and in references to the original building."

Holy Name Friary, a Franciscan friary in Silver Spring, earned Schlesinger the second award. This project consisted of design of a monastery for 36 Franciscan friars, incorporating bedroom and bath facilities, guest rooms, refectory, kitchen, chapel, reading room, a multi-purpose/meeting room and administrative offices. Judges noted that Schlesinger honored the Franciscans' request that the complex be organized in such a way as to reinforce a sense of community between the friars, incorporating their ideals of simplicity an affinity with nature, "creating a co-extensive space and unity between the interior of the building and its outdoor environment."



Top: Whitefriars Hall, Bottom: Holy Name Friary

Jacoby Heads New Clearinghouse for Campus Community Initiatives



Barbara Jacoby

Since last summer, Barbara Jacoby, director of the university's Office of Commuter Affairs, has been wearing a second hat—that of director of the Office of Community Service Programs.

Jacoby sees the new office as a clearinghouse for community service, working to connect organizations with volunteers. The staff has compiled an agency listing, and is working to help student organizations promote community service programs. Jacoby also works with faculty members interested in incorporating community service into their course curriculum.

The ultimate goal is to "provide for College Park faculty, staff and students the opportunities to learn more about themselves and learn about social issues by serving their community," she says.

Even though the office received no additional resources or personnel, Jacoby says that she and her staff are excited about the new initiative. "Everyone in our office has taken on responsibility for developing a piece of the program."

The staff has been working to establish contact with a wide assortment of community organizations. Volunteers with a variety of skills are needed to contribute their time and energy on a one-time, occasional or

long-term basis.

Jacoby calls the community service experience reciprocal, saying "it is easy to think that if you are engaged in community service, you give, and other people receive. But my experience is that you receive as much or more than you give. You really can learn a tremendous amount."

Often, people don't realize the variety of opportunities available. Volunteers are needed at thrift stores to design display windows, sort and mend clothing, test and repair toys. People are needed for the Chesapeake Clean-Up campaign to plant trees and clean shore lines. Volunteers are needed to set up computer programs, read for the blind, raise funds, and an assortment of other activities.

Time volunteered for activities can be by individuals or groups, on a one-time or continuing basis, on site or at home. "We know people have busy lives. At different points in our lives, we have different amounts of time and energy we can give. Any little bit helps. You don't have to commit hours a week on a regular basis," she says.

There is tremendous enthusiasm by campus community members to volunteer their time and energy. "We are here to encourage that enthusiasm, as well as to provide people with opportunities.

"We all have a lot to learn, and we have a lot to give," she says.

—Cheri Roberts

DECEMBER 7-16

7 MONDAY

Art Faculty Exhibition: "Out of the Studio," recent works by faculty members of the Art Studio Dept., through Dec. 18 at the Art Gallery. Call 5-2763 for info.

West Gallery Art Exhibit: "Fall Graduating Senior Exhibit," 8:30 a.m.-4:30 p.m. weekdays through Dec. 11, reception Dec. 9, 5-8 p.m., 1309 Art/Soc. Call 5-1442 for info.

Center for International Extension Development and Office of International Programs Seminar: "Agriculture's Socioeconomic Transition in Lithuania: The Integrative Role of Extension," Betty Wells, Iowa State Univ., noon-1 p.m., 0115 Symons. Call 5-1253 for info.

Washington Area," 7:30-9 a.m. Fee includes breakfast: \$25 for non-members, \$20 for members. Call 5-2151 for info.*

Instructional Television System Symposium: "User Interface Strategies '93," live, interactive video conference, 11 a.m.-5 p.m., ITV Studio. Fee is \$64 for UMCP faculty, staff and students. Call 5-4905 to register.*

Counseling Center Research and Development Meeting: "The Changing Face of Graduate Education," Carla Gary, noon-1 p.m., 0106 Shoemaker. Call 4-7691 for info.

Astronomy Colloquia: "Experimental Concerns for Cosmic Background Radiation Measurement," Edward Cheng, Goddard Space Flight Center, 4 p.m., 1113 Computer and Space Science. Call 5-3001 for info.

8 TUESDAY

Ecology and Evolutionary Biology Seminar: "The Lactation Strategy of Harbor Seals," Darrell Boness, National Zoological Park, noon, 1208 Zoo/Phys. Call 5-6887 for info.

Graduate Student Government Meeting: 3-5 p.m., 1143 Stamp Student Union. Call 4-8630 for info.

Committee on History and Philosophy of Science Lecture: "Chaos Theory: Abstraction/Reconstruction Approaches to Data," James A. Yorke, 4:15-6 p.m., 1407 Chemistry. Call 5-5691 for info.

Open Rehearsal, Guarneri String Quartet, 7 p.m., Tawes Recital Hall. Call 5-5548 for info.

University of Maryland Chorale Christmas Concert, directed by Roger Folstrom, 8 p.m., Memorial Chapel. Call 5-5537 for info.

10 THURSDAY

Meteorology Seminar: "Consistent Horizontal and Vertical Resolution for Atmospheric Models and Observing Systems," Michael Fox-Rabinowitz, NASA, 3:30 p.m., 2114 Computer and Space Science. Call 5-5392 for info.

Committee on History and Philosophy of Science Lecture: "Control of Chaos," Edward Ott, 4:15-6 p.m., 1407 Chemistry. Call 5-5691 for info.

14 MONDAY

Women's Commission Meeting, noon-1:30 p.m., 1102 Francis Scott Key. Call 5-5806 for info.

*Admission charged for this event. All others are free

Note: when calling from off-campus phones, use the prefix 314- or 405- respectively for numbers listed as 4-XXXX or 5-XXXX.

9 WEDNESDAY

Dingman Center for Entrepreneurship Seminar: "Venture Deals in the

